

DATASHEET for EnerCera® EC382704P-Hr Sample

Created by K.Yamamoto

Approved by N.Kobayashi

1. Scope

This specification has been prepared to specify the major specification of the samples of the rechargeable lithium-ion cell ('Cell') to be supplied to the customer by NGK.

2. Battery Classification and Model

- 2.1 Battery Classification: Rechargeable lithium ion battery
- 2.2 Battery Model Name: EC382704P-Hr

3. Major Specifications

All values are for references only.

Item		Value
3.1	Operating Voltage	4.2 to 3.0V
3.2	Nominal Capacity (Standard Charge/Discharge)	20mAh
3.3	Minimum Capacity (Standard Charge/Discharge)	18mAh
3.4	Nominal Voltage	3.8V
3.5	1CmA	20mA
3.6	Standard Charge	CC-CV (Constant Current & Constant Voltage) Current : 0.5CmA / Voltage:4.2V Cut-off current : 0.05CmA (@25°C)
3.7	Standard Discharge	CC(Constant Current) Current : 0.5CmA Cut-off Voltage : 3.0V (@25°C)
3.8	Cell Weight	Less than 1g
3.9	Cell Dimension	38mm × 27mm × 0.45mmt

4. Outgoing Quality Inspection (“OQI”)

The OQI conducted by NGK and the criterion shall be as follows;

Outer Width	27.0+/-0.5mm
Outer Length	38.0+/-0.5mm
Thickness	Max 0.45mm
Open Circuit Voltage	Max 3.77V
Capacity	Min 18mAh

5. Notice

The detailed specification, including the characteristic, complied standards, cautions and warranty conditions, shall be issued by the mass-production. Until the detailed specification is issued, this Datasheet shall apply.

NGK shall only have a limited responsibility to samples and products supplied under this Datasheet. NGK shall warrant that the Cell has conformed to the above provided OQI. This warranty shall be effective for one (1) year from shipment from NGK or its affiliates or until any modification, assemble or disassemble is made to the Cell by Customer or any third party, whichever comes earlier. NGK will, as a condition of warranty provided in this section and remedy to Customer, replace the defective Cell, at its sole discretion, free of charge, which have not confirmed the condition by reasons attributable to NGK, and this shall be the sole and exclusive remedy for any defect.

Notwithstanding anything contrary herein contained, NGK's total overall liability for damages occurred in connection with the Cell whether in tort or in contract is limited to the price of the Cell which caused such damage.

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